

# (12) United States Patent Kwon

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### (54) MOBILE STATION

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Field of Classification Search ...... 455/575.1, 455/90.3; 345/168, 169; 361/680; 379/733.07 See application file for complete search history.

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#### ABSTRACT (57)

Described is a mobile station for receiving/transmitting information of every kind including at least one auxiliary keyboard having a plurality of auxiliary input keys therein, whereby the information is received/transmitted through the auxiliary input keys when a user wants to transmit the information by the mobile station. For that purpose, provided are a main body (1) having a plurality of input keys mounted on an upper surface of the mobile station, a first and second assist keyboards (8 and 9) being folded or unfolded centering around hinge joints, the key boards hinge-jointed rotationally on the opposite portions of both sides of the body (1) to a horizontal direction, respectively, and a plurality of auxiliary input keys (10) and (11) on upper surfaces of the first and second auxiliary keyboards (8) and (9) for inputting characters and numbers when the first and second auxiliary keyboards are unfolded from the body (1).

### 22 Claims, 11 Drawing Sheets

